

Table C-10. Preliminary Federal obligations for total research and development, by agency and performer: fiscal year 2002

[Dollars in millions]

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Agency and subdivision	Total	Intra-mural ¹	Extramural							
			United States and territories							Foreign
			Indus-trial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other non-profit insti-tutions	FFRDCs admin by nonprofit insti-tutions	State and local govts	
Total, all agencies	80,645.5	18,285.2	29,815.0	1,397.4	20,198.9	4,213.8	5,090.9	1,118.9	269.3	256.1
Departments:										
Department of Agriculture, total	1,805.9	1,268.2	14.1	.0	500.9	.0	16.3	.0	3.0	3.4
Agricultural Marketing Service	5.2	5.2	.0	.0	.0	.0	.0	.0	.0	.0
Agricultural Research Service	980.3	922.0	.0	.0	49.9	.0	5.2	.0	.4	2.8
Animal & Plant Hlth Inspection Svc	23.4	20.4	.0	.0	3.0	.0	.0	.0	.0	.0
Cooperative State Research, Education, & Extension Service	476.8	33.8	11.9	.0	423.8	.0	6.4	.0	.9	.0
Economic Research Service	67.2	60.1	2.0	.0	4.0	.0	1.0	.0	.0	.1
Foreign Agricultural Service	1.4	.8	.0	.0	.6	.0	.0	.0	.0	.0
Forest Service	236.0	214.3	.2	.0	17.6	.0	1.7	.0	1.7	.5
Grain Inspection Packers & Stockyards Administration	6.0	6.0	.0	.0	.0	.0	.0	.0	.0	.0
Nat'l Agricultural Statistics Svc	3.9	3.9	.0	.0	-	.0	-	.0	.0	.0
Rural Business-Cooperative Service	5.6	1.6	.0	.0	2.0	.0	2.0	.0	.0	.0
Department of Commerce, total	1,111.6	911.3	74.2	.0	109.1	.1	10.0	.1	6.5	.2
Economic Development Admin .....	.6	.1	.1	.0	.2	.0	.2	.0	.0	.0
Nat'l Inst of Standards & Tech	343.4	255.9	71.4	.0	12.8	.0	3.2	-	.0	.2
Nat'l Oceanic & Atmospheric Admin	748.1	648.3	2.7	.0	92.8	.1	1.2	.1	2.9	.0
National Telecommunications & Information Administration	19.5	7.1	.0	.0	3.4	.0	5.5	.0	3.6	.0
Department of Defense, total	34,235.3	7,898.7	23,473.8	212.1	1,615.3	272.4	258.0	400.5	2.9	101.7
Defense Agencies, research & development (R&D), total	7,937.0	1,525.5	4,904.6	44.5	997.6	214.7	103.6	92.8	.1	53.6
Ballistic Missile Defense Organization, R&D	2,992.4	515.4	2,360.8	1.2	32.2	38.6	2.4	9.7	.0	32.0
Chemical and Biological Defense, R&D ²	395.8	203.3	138.8	.0	40.8	10.3	.0	2.5	.0	.0
Defense Advanced Research Projects Agency, R&D	2,341.1	219.6	1,318.1	17.7	564.3	104.1	76.4	35.9	.0	5.0
Defense Information Systems Agency, R&D	216.4	64.0	131.7	.0	1.0	.3	8.4	11.1	.0	.0
Defense Logistics Agency, R&D	51.9	31.6	15.3	.0	3.8	.0	.6	.6	.0	.0
Defense Threat Reduction Agency, R&D	361.9	57.4	290.3	3.2	1.3	7.4	.5	1.8	.0	.0
Joint Staff, R&D	60.0	60.0	.0	.0	.0	.0	.0	.0	.0	.0
Special Operations Command, R&D	253.2	77.8	174.0	.0	1.4	.0	.0	.0	.0	.0
TRICARE Management Activity, R&D ³	114.0	4.9	64.8	.0	44.4	.0	.0	.0	.0	.0
Washington Headquarters Services, R&D	1,150.5	291.5	410.9	22.4	308.4	54.0	15.4	31.2	.1	16.5
Department of the Air Force, R&D	10,130.3	1,078.6	8,590.2	100.8	119.3	14.3	24.5	196.2	2.0	4.3
Department of the Army, R&D	6,263.5	1,860.7	4,138.9	55.0	113.1	25.0	27.4	25.4	.7	17.3
Department of the Navy, R&D	9,703.5	3,362.8	5,735.8	9.1	384.5	18.5	102.5	63.8	.0	26.5
Operational Test & Evaluation, Director, R&D	201.0	71.1	104.3	2.6	.7	.0	.0	22.3	.0	.0
Department of Defense, research	5,020.2	1,688.6	1,789.5	28.4	1,233.8	93.3	125.2	42.1	.5	18.8
Dept of Defense, development, total	29,215.0	6,210.1	21,684.2	183.7	381.5	179.2	132.7	358.4	2.3	82.9
Department of Defense, advanced technology development	3,968.1	943.4	2,530.6	34.9	214.6	86.8	94.0	52.4	2.2	9.2
Department of Defense, major systems development	25,247.0	5,266.6	19,153.6	148.8	166.9	92.4	38.7	306.0	.1	73.8
Department of Education	268.4	10.6	18.4	.0	174.2	.0	65.0	.0	.2	.0
Department of Energy	6,321.8	510.1	1,078.8	895.0	643.6	2,481.8	49.6	649.8	11.5	1.5

See explanatory information, if any, and SOURCE at end of table.

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[Dollars in millions]

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			United States and territories							Foreign
			Indus- trial firms	FFRDCs admin by in- dus- trial firms	Univer- sities and colleges	FFRDCs admin by univs and colleges	Other non- profit insti- tutions	FFRDCs admin by nonprofit insti- tutions	State and local govts	
Dept of Health & Human Svcs, total	23,815.9	4,133.7	1,710.3	270.4	13,528.6	67.0	3,806.9	42.5	167.1	89.4
Admin for Children & Families	28.5	2.0	2.8	.0	11.4	.0	10.4	.0	1.9	-
Agency for Healthcare Research and Quality ⁴	306.2	78.8	77.7	.0	100.8	.0	48.9	.0	.0	.0
Agency for Toxic Substances Disease & Registry ⁵	16.1	3.0	.0	.0	5.7	.0	3.9	.0	3.5	.0
Centers for Disease Control & Prevention	568.5	331.1	57.4	.0	108.3	.0	63.5	.0	8.1	.0
Food & Drug Administration	158.5	123.2	8.7	.0	18.9	.0	7.1	.0	.4	.2
Health Care Financing Admin	55.3	-	31.8	.0	8.8	.0	10.4	.0	3.8	.4
Health Resources & Services Admin	20.9	3.9	.0	.0	9.3	.0	7.7	.0	.0	.0
National Institutes of Health ⁶	21,982.5	3,589.8	1,043.6	270.4	13,203.4	67.0	3,567.7	42.5	109.2	88.8
Office of the Secretary, total	20.6	1.8	.7	.0	9.3	.0	8.1	.0	.7	.0
Office of the Assistant Secretary, Planning & Evaluation	17.3	1.4	.7	.0	6.4	.0	8.1	.0	.7	.0
Office of Public Hlth & Science	3.3	.4	.0	.0	2.9	.0	.0	.0	.0	.0
Substance Abuse & Mental Health Services Administration ⁷	658.7	-	487.5	.0	52.7	.0	79.0	.0	39.5	.0
Dept of Housing & Urban Development	44.1	19.0	12.4	.0	1.3	.0	11.5	.0	.0	.0
Department of the Interior, total	564.4	497.4	12.2	.0	45.2	.0	.7	.0	7.7	1.2
Bureau of Reclamation	8.4	6.7	.0	.0	1.1	.0	.3	.0	.3	.0
Geological Survey	490.8	464.5	.0	.0	19.4	.0	.0	.0	6.9	.0
Minerals Management Service	29.4	8.7	9.6	.0	9.9	.0	.1	.0	.0	1.2
National Park Service	35.8	17.6	2.6	.0	14.7	.0	.4	.0	.5	.0
Department of Justice, total	79.0	17.4	12.7	1.0	17.3	.0	21.2	.0	9.5	.0
Bureau of Prisons	8.0	3.2	.0	.0	.0	.0	.0	.0	4.8	.0
Federal Bureau of Investigation	13.2	13.2	.0	.0	.0	.0	.0	.0	.0	.0
Immigration & Naturalization Svc .....	.6	.3	.3	.0	.0	.0	.0	.0	.0	.0
Office of Justice Programs	57.2	.7	12.4	1.0	17.3	.0	21.2	.0	4.7	.0
Department of Labor, total	90.6	59.2	6.4	.0	13.2	.0	11.8	.0	.0	.0
Bureau of Labor Statistics	12.3	8.4	.0	.0	3.9	.0	.0	.0	.0	.0
Employment & Training Admin	67.2	47.3	.0	.0	8.5	.0	11.4	.0	.0	.0
Occupational Safety & Health Admin	5.7	2.2	3.5	.0	.0	.0	.0	.0	.0	.0
Office of the Secretary	1.2	.1	1.1	.0	.0	.0	.0	.0	.0	.0
Pension & Welfare Benefits Admin	3.5	1.0	1.4	.0	.8	.0	.4	.0	.0	.0
Pension Benefit Guaranty Corp .....	.7	.3	.4	.0	.0	.0	.0	.0	.0	.0
Department of State ⁸	1.6	.6	1.0	.0	.0	.0	.0	.0	.0	.0
Department of Transportation, total	585.0	213.8	261.9	5.7	49.0	12.1	21.0	5.3	15.0	1.2
Coast Guard	22.6	14.4	8.3	.0	-	.0	.0	.0	.0	.0
Federal Aviation Administration	259.2	82.0	145.7	2.7	12.9	10.5	.0	5.3	.0	.1
Federal Highway Administration	177.9	48.7	70.4	3.0	22.3	1.5	17.1	.0	14.8	.0
Federal Motor Carrier Safety Administration ⁹	14.1	2.0	5.3	.0	4.4	.0	2.3	.0	.0	.3
Federal Railroad Administration	29.9	13.0	15.0	.0	1.5	.0	.0	.0	.0	.3
Federal Transit Administration	7.1	5.1	.0	.0	2.0	.0	.0	.0	.0	.0
Nat'l Highway Traffic Safety Admin	59.0	37.8	14.5	.0	5.9	.0	.4	.0	.0	.5
Office of the Secretary	5.2	5.2	.0	.0	.0	.0	.0	.0	.0	.0
Research & Special Programs Admin	9.8	5.7	2.7	.0	.0	.0	1.3	.0	.2	.0
Department of the Treasury, total	79.3	59.5	19.7	.0	-	.0	.0	.0	.0	.0
Bureau of Engraving & Printing	3.5	3.5	.0	.0	.0	.0	.0	.0	.0	.0
Internal Revenue Service	68.9	53.9	15.0	.0	.0	.0	.0	.0	.0	.0
Office of Thrift Supervision .....	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
United States Customs Service	4.9	1.0	3.9	.0	.0	.0	.0	.0	.0	.0
United States Mint .....	.6	.1	.5	.0	-	.0	.0	.0	.0	.0
United States Secret Service	1.1	.8	.3	.0	.0	.0	.0	.0	.0	.0
Department of Veterans Affairs	360.2	360.2	.0	.0	.0	.0	.0	.0	.0	.0

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Other agencies:										
Appalachian Regional Commission8	-	.3	.0	.4	.0	.1	.0	.0	.0
Broadcasting Board of Governors ¹⁰1	.1	.0	.0	.0	.0	.0	.0	.0	.0
Environmental Protection Agency ⁵	535.0	321.0	24.8	.0	115.9	.0	57.0	.0	15.4	1.0
Federal Communications Commission	1.3	1.3	.0	.0	.0	.0	.0	.0	.0	.0
Federal Trade Commission	1.5	1.5	.0	.0	.0	.0	.0	.0	.0	.0
International Development Cooperation										
Agency, total	227.3	27.5	15.2	.0	31.5	.0	153.2	.0	.0	.0
Agcy for International Dvlpm ¹¹	227.3	27.5	15.2	.0	31.5	.0	153.2	.0	.0	.0
Library of Congress	2.6	1.4	1.2	.0	.0	.0	.0	.0	.0	.0
National Aeronautics & Space Admin ¹²	7,259.4	1,814.9	2,900.7	.2	845.1	1,199.7	444.4	5.1	8.1	41.3
National Archives & Records Admin1	.1	.0	.0	.0	.0	.0	.0	.0	.0
National Science Foundation	3,017.1	20.3	130.3	.0	2,506.2	167.6	163.9	5.3	10.2	13.3
Nuclear Regulatory Commission	55.0	16.1	3.0	13.1	2.2	7.9	.5	10.4	.0	1.9
Smithsonian Institution	102.0	102.0	.0	.0	.0	.0	.0	.0	.0	.0
Social Security Administration	80.4	19.1	43.8	.0	.0	5.2	.0	.0	12.3	.0

- ¹ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance.
- ² Prior to fiscal year 2000, Chemical and Biological Defense's R&D was reported with the Washington Headquarters Services.
- ³ TRICARE Management Activity oversees the delivery of healthcare to active duty and retired members of the uniformed services and their family members and survivors.
- ⁴ The Agency for Health Care Policy and Research was renamed the Agency for Healthcare Research and Quality as stated in the Healthcare Research and Quality Act of 1999, signed by the President on December 6, 1999.
- ⁵ Prior to fiscal year 2000, data reported for the Environmental Protection Agency included R&D data for the Agency for Toxic Substances and Disease Registry.
- ⁶ Beginning in the fiscal year 2000, the National Institutes of Health classified all of its development activities as research.
- ⁷ Data for fiscal years 2000-2002 from the Substance Abuse & Mental Health Services Administration (SAMHSA) are estimates based on SAMHSA's obligations by program activity budget and previously reported funding for development.
- ⁸ Effective April 1, 1999, all functions and authorities of the United States Arms Control & Disarmament Agency were transferred to the Department of State.
- ⁹ The Federal Motor Carrier Safety Administration, formerly a part of the Federal Highway Administration, was established within the Department of Transportation on January 1, 2000, as stated in the Motor Carrier Safety Improvement Act of 1999 (Public Law No. 106-159, 113 Stat. 1748 (December 9, 1999)).
- ¹⁰ The Broadcasting Board of Governors became an independent Federal entity on October 1, 1999, as mandated by the Foreign Affairs Reform and Restructuring Act (Public Law 105-277) signed by the President on October 21, 1998.
- ¹¹ Since the experimental New Management System, which is an integrated system containing the Agency for International Development's (AID) budget and accounting records, does not contain codes for determining either fields of science and engineering or performer data, the National Science Foundation has estimated these data based on AID's Budget Authority (fiscal years 2000-2002) and AID's Federal funds survey submission to Vol. 44 (fiscal years 1994-96). More accurate data for AID will be reported in future volumes of this survey.
- ¹² Beginning in fiscal year 2000, the National Aeronautics & Space Administration reclassified Space Station as a physical asset and Space Station Research as equipment, and transferred funding for the program from R&D to R&D plant.

KEY: - = Amount less than 50 thousand dollars
FFRDCs = Federally funded research and development centers

NOTES: Because of rounding, detail may not add to totals.

Data for only those agencies and sub-divisions that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal funds survey, refer to appendix A. For notes associated with the agencies listed in this table, refer to appendix B.

Beginning with Vol. 44, Department of Defense development obligations are reported in two categories: advanced technology and major systems.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: Fiscal Years 2000, 2001, and 2002